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List of Publications by Year
in descending order

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14	279	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Singleâ€“atom manganese and nitrogen co-doped graphene as low-cost catalysts for the efficient CO oxidation at room temperature. Applied Surface Science, 2021, 536, 147809.	6.1	31
2	Theoretical study on iron and nitrogen co-doped graphene catalyzes CO oxidation. Molecular Catalysis, 2021, 509, 111624.	2.0	0
3	Atomic level N-coordinated Fe dual-metal embedded in graphene: An efficient double atoms catalyst for CO oxidation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 621, 126575.	4.7	7
4	Exploring the catalytic mechanisms of non-noble VIIIB metal dimer embedded in graphene toward CO oxidation by density functional theory analysis. Applied Surface Science, 2021, 556, 149780.	6.1	6
5	Graphene foam â€“ polymer based electronic skin for flexible tactile sensor. Sensors and Actuators A: Physical, 2021, 327, 112697.	4.1	26
6	Theoretical screening of di-metal atom (MÂ=ÂFe, Co, Ni, Cu, Zn) electrocatalysts for ammonia synthesis. International Journal of Hydrogen Energy, 2020, 45, 31881-31891.	7.1	28
7	Transition metal-Nx doped graphene as an efficient oxygen reduction reaction catalyst: A theoretical perspective. Computational and Theoretical Chemistry, 2020, 1187, 112945.	2.5	15
8	Theoretical Calculation of Different Reaction Mechanisms for CO Oxidation on MnN₃-Doped Graphene. ACS Omega, 2020, 5, 21203-21210.	3.5	10
9	Theoretical investigation on catalytic mechanisms of oxygen reduction and carbon monoxide oxidation on the MnN_x system. New Journal of Chemistry, 2020, 44, 15724-15732.	2.8	9
10	Exploring the oxygen electrode bi-functional activity of Niâ€“Nâ€“C-doped graphene systems with N, C co-ordination and OH ligand effects. Journal of Materials Chemistry A, 2020, 8, 20453-20462.	10.3	49
11	Density functional study on the CO oxidation reaction mechanism on MnN₂-doped graphene. RSC Advances, 2020, 10, 27856-27863.	3.6	13
12	Catalytic oxidation mechanisms of carbon monoxide over single- and double-vacancy Mn-embedded graphene. New Journal of Chemistry, 2020, 44, 9402-9410.	2.8	22
13	Theoretical study on the adsorption and predictive catalysis of MnN4 embedded in carbon substrate for gas molecules. Applied Surface Science, 2020, 525, 146480.	6.1	22
14	Evaluating the catalytic activity of transition metal dimers for the oxygen reduction reaction. Journal of Colloid and Interface Science, 2020, 568, 54-62.	9.4	41